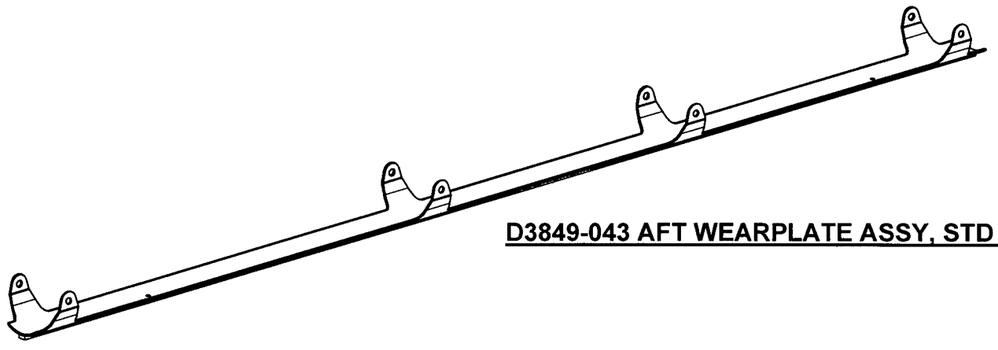
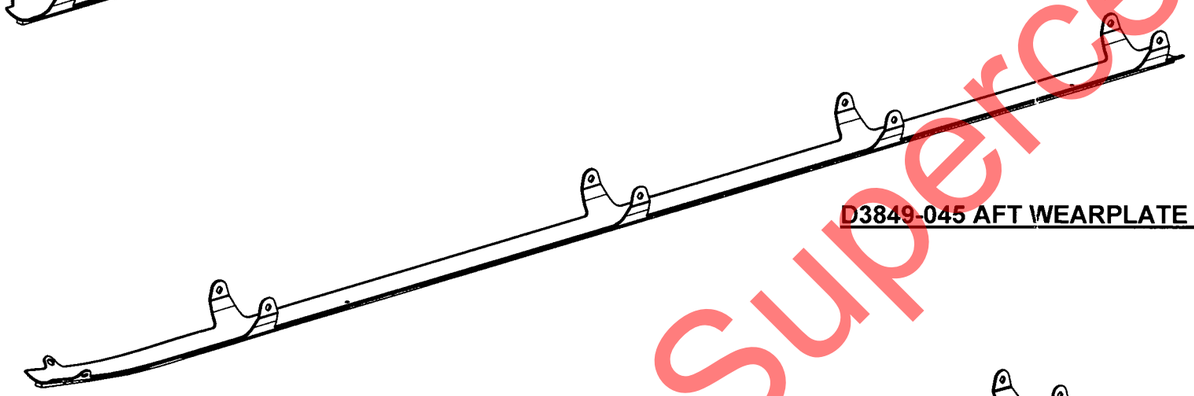


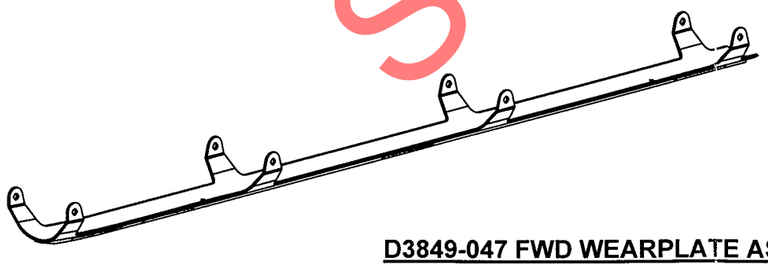
D3849-041 FWD WEARPLATE ASSY, STD GEAR



D3849-043 AFT WEARPLATE ASSY, STD GEAR



D3849-045 AFT WEARPLATE ASSY, FLOAT GEAR



D3849-047 FWD WEARPLATE ASSY, FLOAT GEAR (B)

ITEM	QTY -041	QTY -043	QTY -045	QTY -047	P/N	DESCRIPTION
1	X				D3849-041	FWD WEARPLATE ASSY, STD GEAR
2		X			D3849-043	AFT WEARPLATE ASSY, STD GEAR
3			X		D3849-045	AFT WEARPLATE ASSY, FLOAT GEAR
4				X	D3849-047	FWD WEARPLATE ASSY, FLOAT GEAR
11	1				D3849-1	PLATE
12		1			D3849-3	PLATE
13			1		D3849-5	PLATE
14				1	D3849-7	PLATE
15	1				D3848-1	GASKET
16		1			D3848-3	GASKET
17			1		D3848-5	GASKET
18				1	D3848-7	GASKET
19	1			1	D3901-1	BAR
20		1			D3901-3	BAR
21			1		D3901-5	BAR
31	A/R	A/R	A/R	A/R	2059B	HARDCOAT
32	A/R	A/R	A/R	A/R	1300 (OR 1300L)	3M SCOTCH-GRIP ADHESIVE

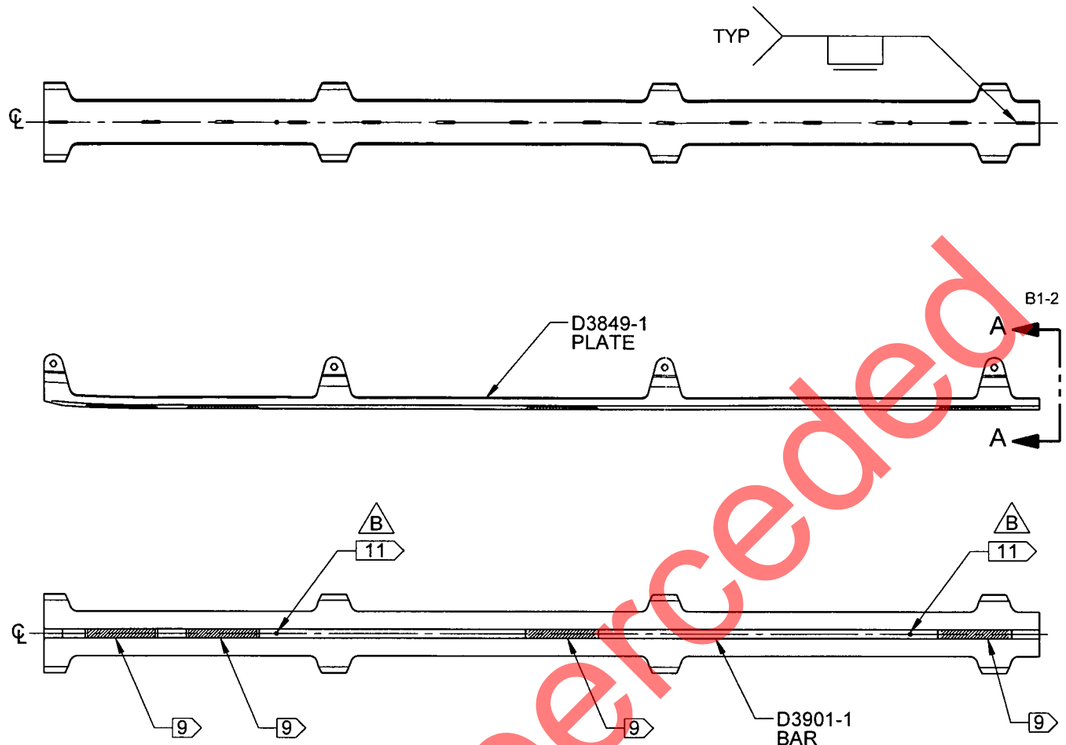
Superceded

RELEASED 09/07/15 MS

REV.	DESCRIPTION	BY	DATE
B	REVISED FLAT PATTERN Ø0.375 WAS SLOT HOLE ON D3849-1F/-3F/-5F (ZN A4-5,B4-7, B4-8, C2-10, B2-10); ADD D3849-047 (ZN D4-1, A4-1 & B4-5) & D3849-7/-7F (ZN C4-9, A4-9); ADD SECTION K-K (ZN C5-10); 0.88 WAS 0.875 & 0.44 WAS 0.438 (ZN A3-10); ADD 0.25 & 0.88 (ZN D4-10, D3-10); ADD 0.88 & 0.44 (ZN C3-10 & B3-10); ADD FLAG NOTE (ZN A8-2, C6-2, C3-2, A8-3, C6-3, C3-3, A8-4, C6-4, C2-4); 66.87 WAS 67.36 (ZN B4-7)	RF	09.06.30
A	NEW ISSUE	RF	09.03.30

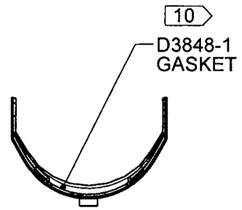
DESIGN	RF	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
DRAWN	RF		
CHECKED	PH	DRAWING NO. D3849	REV. B SHEET 1 OF 10
MFG. APPR.			
APPROVED		TITLE WEARPLATE ASSY	SCALE NTS
DE APPR.			
DATE	09.06.30		

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D3849-041 FWD WEARPLATE ASSY, STD/FLOAT GEAR (B)



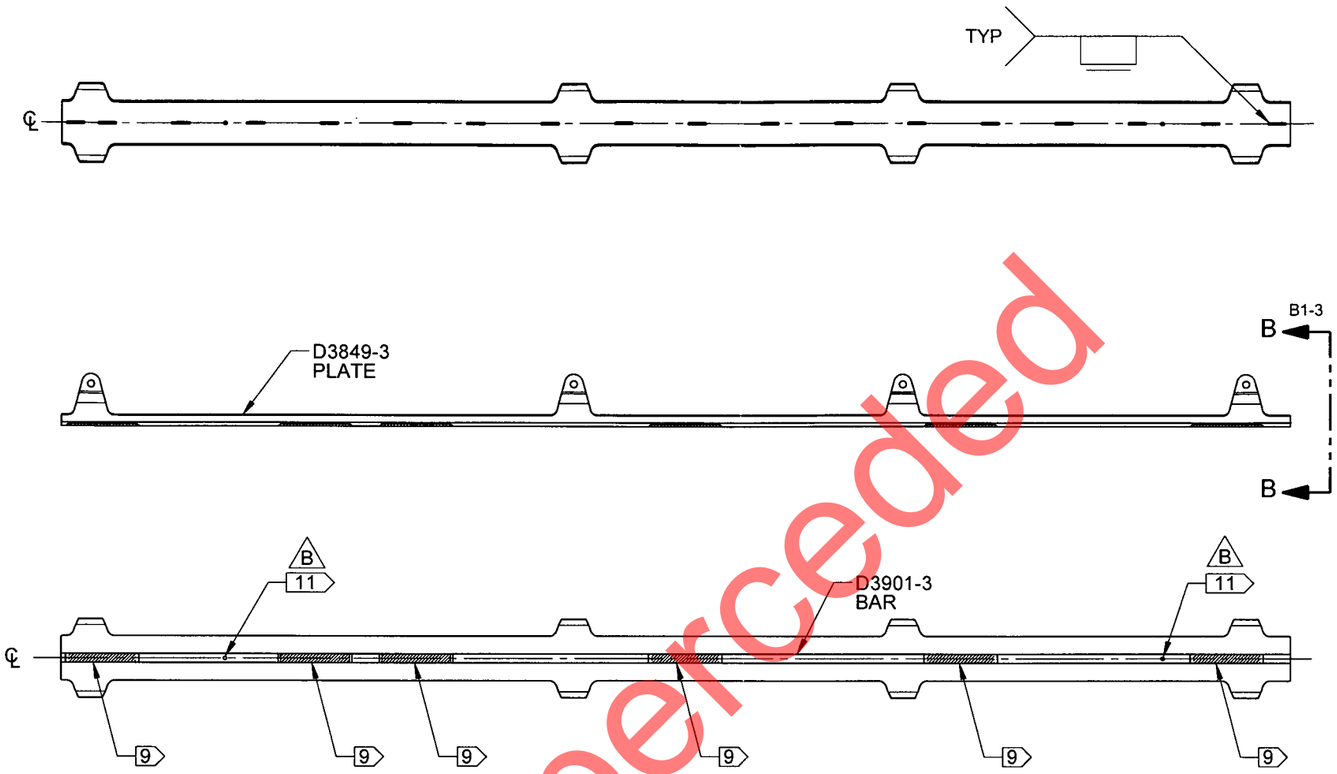
SECTION A-A C3-2
SCALE 2X

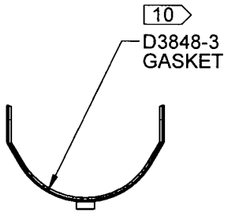
RELEASED
09/07/15 MK

NOTES:
1) MATERIAL: N/A
2) FINISH: POWDER COAT "GREY SANDTEX" (4.3.5.6) PER DART QSI 005 4.3
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3849-041" USING YELLOW PAINT MARKER AT INSIDE SURFACE
7) WEIGHT: D3849-041 = 4.24 lbs
8) WELDING: PER QSI 004
9) 2059B HARDCOAT WELD, 0.19 THICK x 0.50 WIDE, FLUSH WITH D3901-1 BAR ON ALL 3 SURFACES
10) AFTER FINISH, BOND D3848-1 GASKET TO INNER SURFACE OF WEARPLATE USING A THIN LAYER OF 3M 1300/1300L SCOTCH GRIP ADHESIVE
(B) 11) TRANSFER DRILL ∅0.188 HOLES FROM D3849-1 PLATE TO D3901-1 BAR

DESIGN	RF	**DART AEROSPACE USA, INC.** PORT HADLOCK, WA
DRAWN	RF	DRAWING NO. D3849 REV. B
CHECKED	RF	SHEET 2 OF 10
MFG. APPR.		TITLE WEARPLATE ASSY
APPROVED		SCALE NTS
DE APPR.		
DATE	09.06.30	

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SECTION B-B C2-3
SCALE 2X

D3849-043 AFT WEARPLATE ASSY, STD GEAR

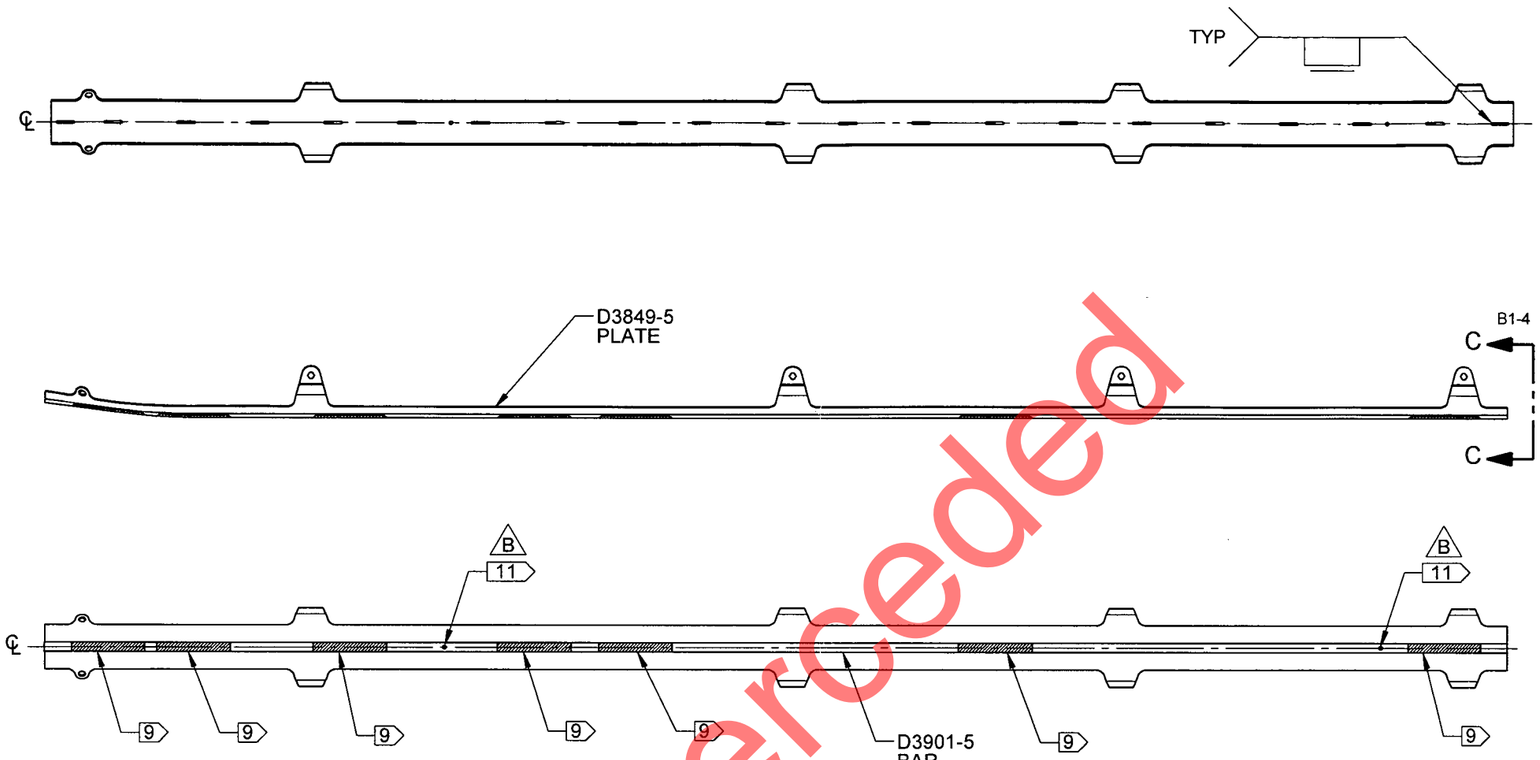
Superceded

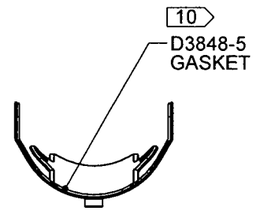
RELEASED
9/6/15 MD

NOTES:
1) MATERIAL: N/A
2) FINISH: POWDER COAT "GREY SANDTEX" (4.3.5.6) PER DART QSI 005 4.3
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3849-043" USING FINE POINT PERMANENT INK MARKER
7) WEIGHT: D3849-043 = 5.21 lbs
8) WELDING: PER QSI 004
9) 2059B HARDCOAT WELD, 0.19 THICK x 0.50 WIDE, FLUSH WITH D3901-3 BAR ON ALL 3 SURFACES
10) AFTER FINISH, BOND D3848-3 GASKET TO INNER SURFACE OF WEARPLATE USING A THIN LAYER OF 3M 1300/1300L SCOTCH GRIP ADHESIVE
B 11) TRANSFER DRILL ∅0.188 HOLES FROM D3849-3 PLATE TO D3901-3 BAR

DESIGN	RF	**DART AEROSPACE USA, INC.** PORT HADLOCK, WA
DRAWN	RF	
CHECKED	RH	DRAWING NO. D3849 REV. B
MFG. APPR.		SHEET 3 OF 10
APPROVED		TITLE WEARPLATE ASSY SCALE NTS
DE APPR.		
DATE	09.06.30	

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D3849-045 AFT WEARPLATE ASSY, FLOAT GEAR

SECTION C-C C2-4

SCALE 2X

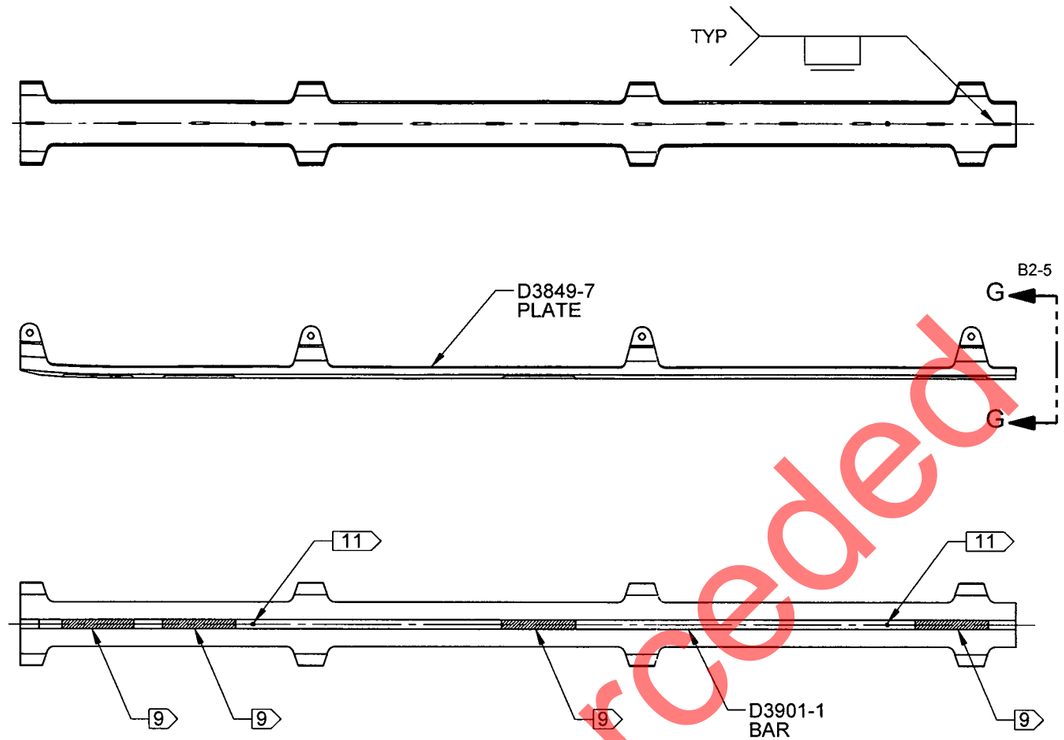
Superceded

RELEASED
09/03/15

NOTES:
1) MATERIAL: N/A
2) FINISH: POWDER COAT "GREY SANDTEX" (4.3.5.6) PER DART QSI 005 4.3
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3849-045" USING YELLOW PAINT MARKER AT INSIDE SURFACE
7) WEIGHT: D3849-045 = 5.98 lbs
8) WELDING: PER QSI 004
9) 2059B HARDCOAT WELD, 0.19 THICK x 0.50 WIDE, FLUSH WITH D3849-5 BAR ON ALL 3 SURFACES
10) AFTER FINISH, BOND D3848-5 GASKET TO INNER SURFACE OF WEARPLATE USING A THIN LAYER OF 3M 1300/1300L SCOTCH GRIP ADHESIVE
B 11) TRANSFER DRILL ∅0.188 HOLES FROM D3849-5 PLATE TO D3901-5 BAR

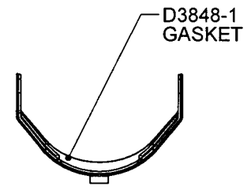
DESIGN	RF	**DART AEROSPACE USA, INC.** PORT HADLOCK, WA
DRAWN	RF	DRAWING NO. D3849 REV. B
CHECKED	RH	SHEET 4 OF 10
MFG. APPR.		TITLE WEARPLATE ASSY
APPROVED		SCALE NTS
DE APPR.		
DATE	09.06.30	

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Superceded

D3849-047 FWD WEARPLATE ASSY, FLOAT GEAR B



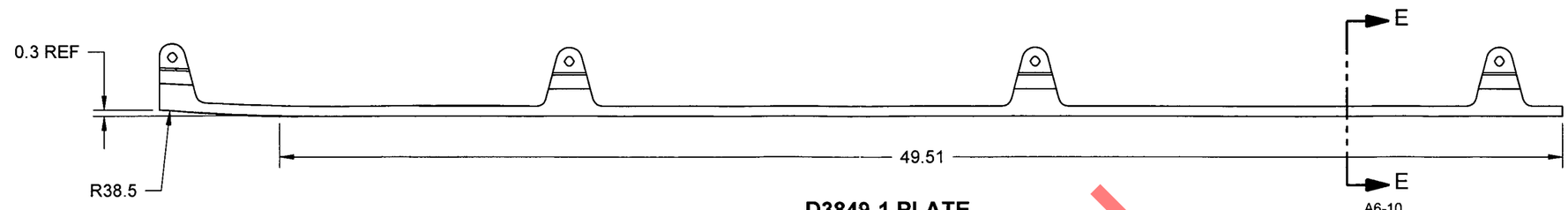
SECTION G-G C3-5
SCALE 2X

RELEASED
09/07/15 MH

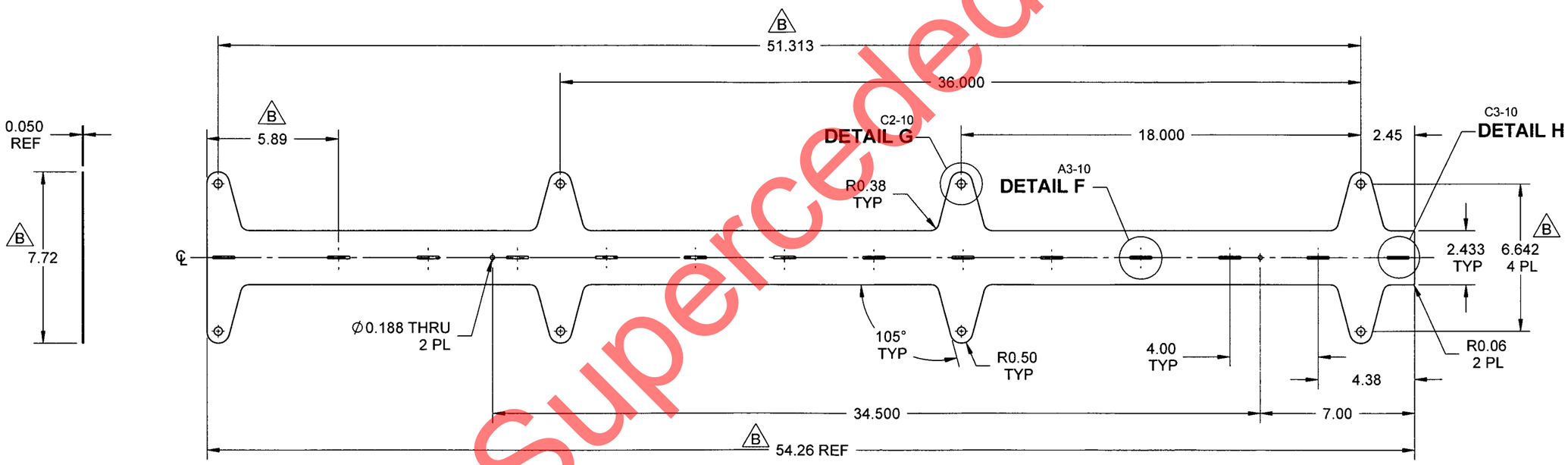
NOTES:
1) MATERIAL: N/A
2) FINISH: POWDER COAT "GREY SANDTEX" (4.3.5.6) PER DART QSI 005 4.3
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3849-047" USING YELLOW PAINT MARKER AT INSIDE SURFACE
7) WEIGHT: D3849-047 = 4.26 lbs
8) WELDING: PER QSI 004
9) 2059B HARDCOAT WELD, 0.19 THICK x 0.50 WIDE, FLUSH WITH D3901-1 BAR ON ALL 3 SURFACES
10) AFTER FINISH, BOND D3848-7 GASKET TO INNER SURFACE OF WEARPLATE USING A THIN LAYER OF 3M 1300/1300L SCOTCH GRIP ADHESIVE
11) TRANSFER DRILL ∅0.188 HOLES FROM D3849-7 PLATE TO D3901-1 BAR

DESIGN	RF	**DART AEROSPACE USA, INC.** PORT HADLOCK, WA
DRAWN	RF	DRAWING NO. D3849 REV. B
CHECKED		SHEET 5 OF 10
MFG. APPR.		TITLE WEARPLATE ASSY SCALE NTS
APPROVED		
DE APPR.		
DATE	09.06.30	

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D3849-1 PLATE
(MAKE FROM D3849-1F)



D3849-1F FLAT PATTERN B

Superceded

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09/6/13 MD

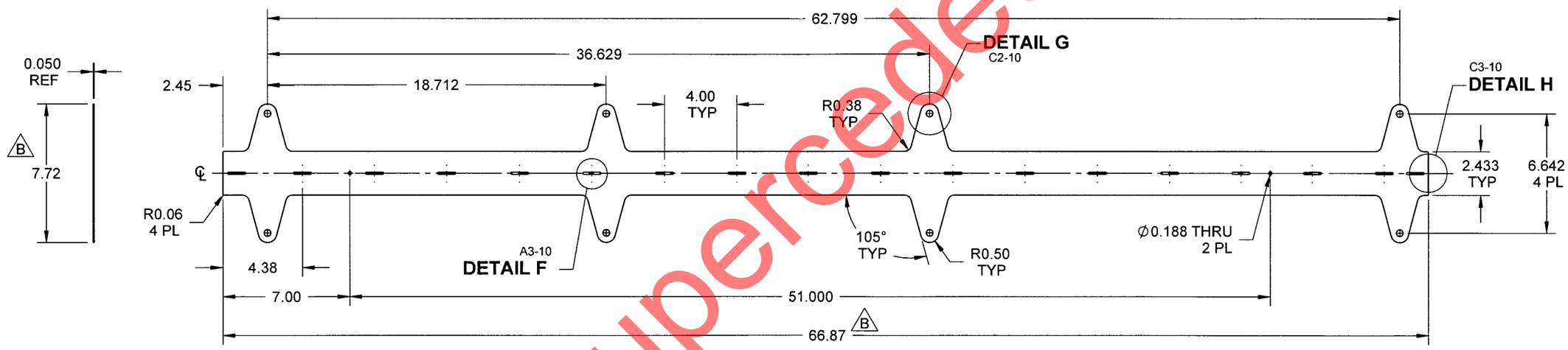
NOTES:
1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET PER AMS 5513 OR 5524
18 GAUGE 0.050 THICK, (REF. DART SPEC. M304S18GA)
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: NONE
7) WEIGHT: 2.33 lbs

DESIGN	RF	DART AEROSPACE USA, INC.	
DRAWN	RF	PORT HADLOCK, WA	
CHECKED		DRAWING NO. D3849	REV. B
MFG. APPR.			SHEET 6 OF 10
APPROVED		TITLE WEARPLATE ASSY	SCALE NTS
DE APPR.			
DATE 09.06.30			

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D3849-3 PLATE
(MAKE FROM D3849-3F)



D3849-3F FLAT PATTERN B

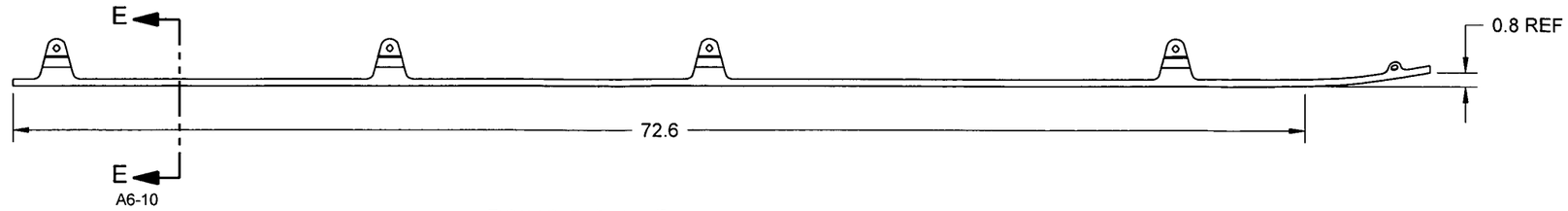
Superceded

RELEASED
09/07/15

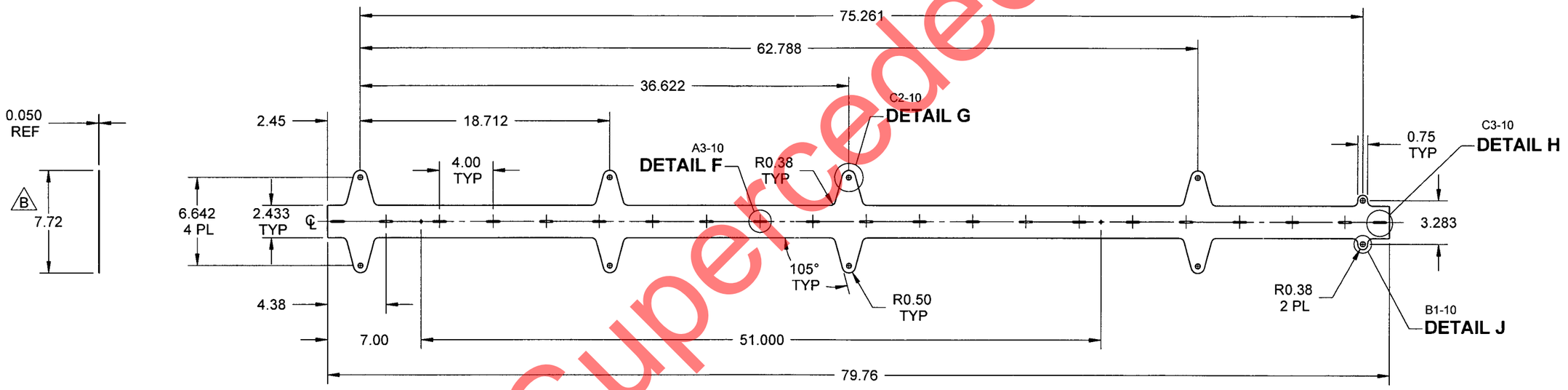
NOTES:
1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET PER AMS 5513 OR 5524
18 GAUGE 0.050 THICK, (REF. DART SPEC. M304S18GA)
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: NONE
7) WEIGHT: 2.82 lbs

DESIGN	RF	**DART AEROSPACE USA, INC.** PORT HADLOCK, WA
DRAWN	RF	
CHECKED		DRAWING NO. D3849 REV. B
MFG. APPR.		SHEET 7 OF 10
APPROVED		TITLE WEARPLATE ASSY SCALE NTS
DE APPR.		
DATE	09.06.30	

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D3849-5 PLATE
(MAKE FROM D3849-5F)



D3849-5F FLAT PATTERN (B)

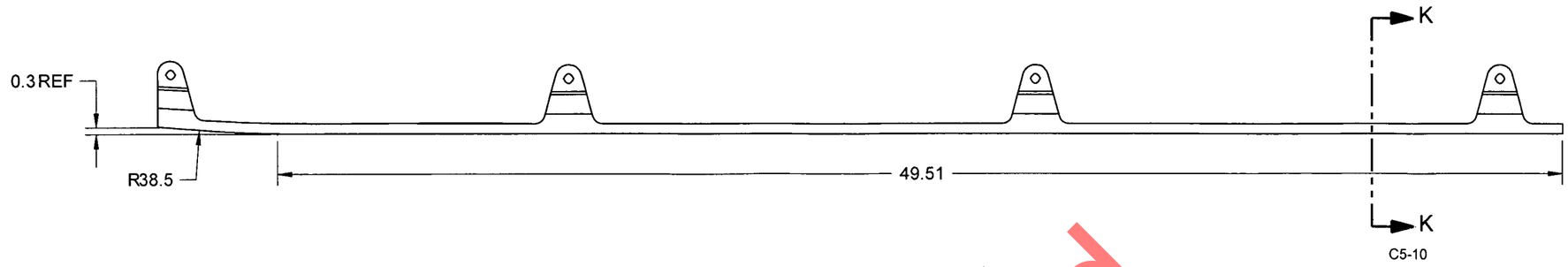
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RELEASED
9/07/15 MD

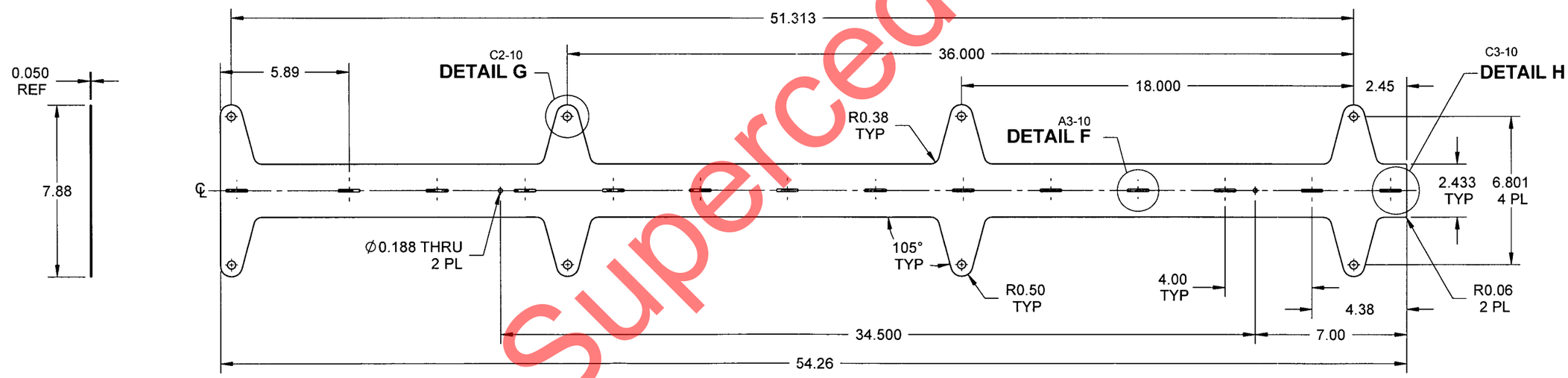
NOTES:
1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET PER AMS 5513 OR 5524
18 GAUGE 0.050 THICK, (REF. DART SPEC. M304S18GA)
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: NONE
7) WEIGHT: 3.30 lbs

DESIGN	RF	DART AEROSPACE USA, INC. PORT HADLOCK, WA
DRAWN	RF	
CHECKED		DRAWING NO. D3849 REV. B
MFG. APPR.		SHEET 8 OF 10
APPROVED		TITLE WEARPLATE ASSY SCALE NTS
DE APPR.		
DATE	09.06.30	

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D3849-7 PLATE (B)
(MAKE FROM D3849-7F)



D3849-7F FLAT PATTERN (B)

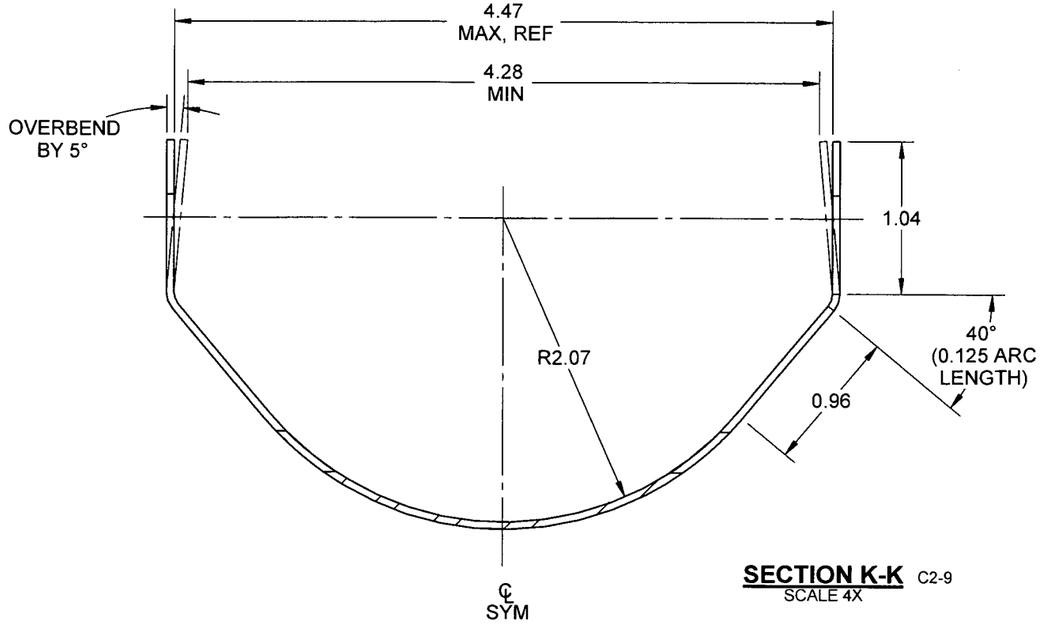
Superceded

RELEASED 09/07/15 MA

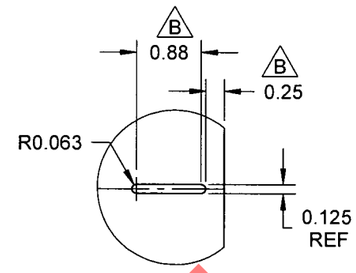
NOTES:
1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET PER AMS 5513 OR 5524
 18 GAUGE 0.050 THICK, (REF. DART SPEC. M304S18GA)
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: NONE
7) WEIGHT: 2.34 lbs

DESIGN	RF	**DART AEROSPACE USA, INC.** PORT HADLOCK, WA
DRAWN	RF	
CHECKED	RH	DRAWING NO. D3849 REV. B
MFG. APPR.	EG	SHEET 9 OF 10
APPROVED	MA	TITLE WEARPLATE ASSY SCALE NTS
DE APPR.	RH	
DATE	09.06.30	

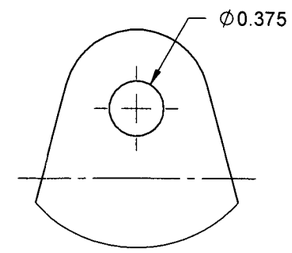
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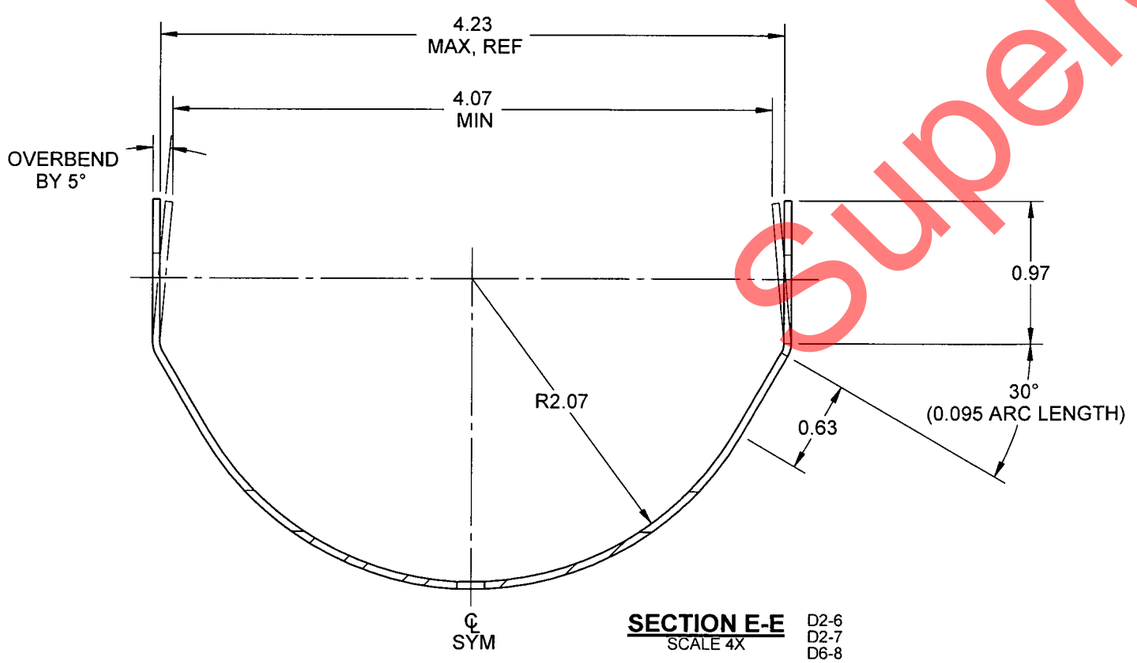
SECTION K-K C2-9
SCALE 4X



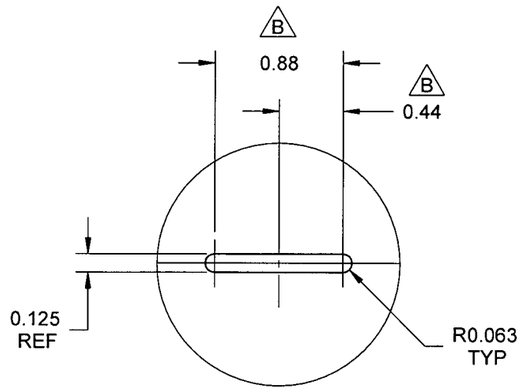
DETAIL H
SLOT DETAIL TYP C1-6
SCALE 2X C1-7
C1-8
C1-9



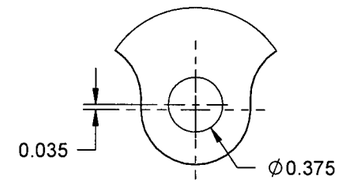
DETAIL G C4-6
SLOT DETAIL TYP C4-7
SCALE 4X C4-8
C6-9



SECTION E-E D2-6
SCALE 4X D2-7
D6-8



DETAIL F
SLOT DETAIL TYP C3-6
SCALE 4X B6-7
C5-8
B3-9



DETAIL J B1-8
DETAIL TYP
SCALE 8X

RELEASED
09/07/15

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DESIGN	RF	**DART AEROSPACE USA, INC.** PORT HADLOCK, WA
DRAWN	RF	DRAWING NO. D3849 REV. B
CHECKED		SHEET 10 OF 10
MFG. APPR.		TITLE WEARPLATE ASSY SCALE NTS
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